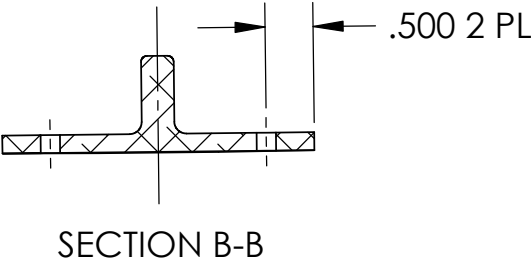
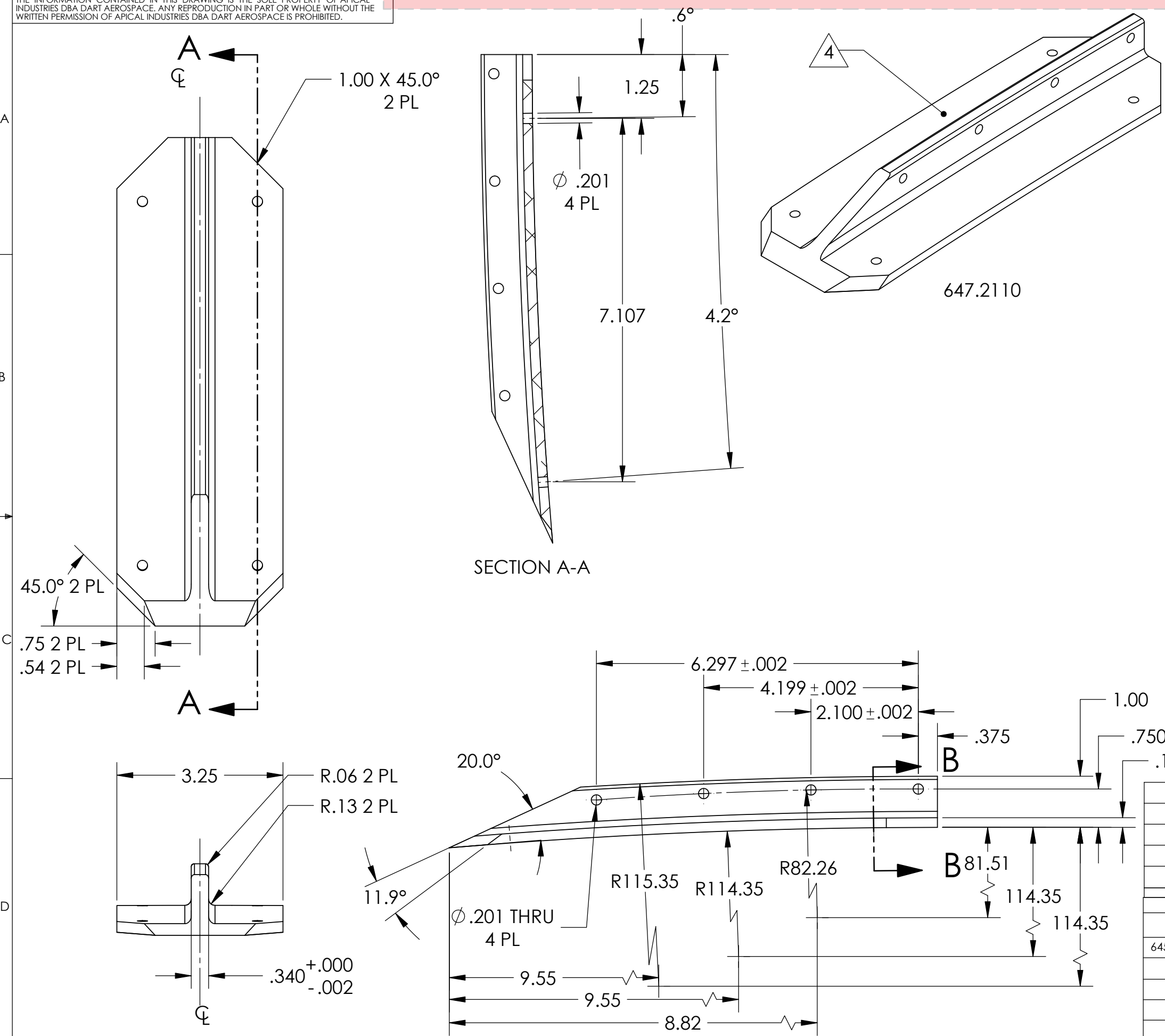













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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		N/C
NC	INITIAL RELEASE	08/05/09	P. BRAVO
A	INCORPORATED ECN 02695 ,02961, 03920	06/07/13	P. BRAVO
B	INCORPORATED ECN 03956	07/01/13	P. BRAVO
C	INCORPORATED ECN 05326	02/26/16	P. BRAVO
D	INCORPORATED ECN 05368, 05409, 05494	07/25/16	P. BRAVO
E	INCORPORATED ECN 05556	09/09/16	P. BRAVO
F	INCORPORATED ECN 06617	02/18/21	J. GARDINER

- NOTES:
- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
 - 2 FINISH IAW MPP-172, SECTION 2.1, 3.3 & 4.3; 1-2 MIL MAX
 - 3. DEBURR AND BREAK ALL SHARP EDGES
 - 4 IDENTIFY IAW MPP-120.
 - 5 HOLE LOCATIONS CONTROLLED BY 647.2110.
 - 6 HOLE LOCATIONS CONTROLLED BY SOLIDWORKS MODEL P/N 647.2114, LAST SAVED 02/29/16.
 - 7 HOLE LOCATIONS CONTROLLED BY SOLIDWORKS MODEL P/N 647.2112.

UNDER REVIEW
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			5	647.2114	UPPER U CHANNEL		
			4	647.2113	LOWER RAIL		
			3	647.2112	UPPER U CHANNEL		
			2	647.2111	UPPER RAIL		
			1	647.2110	LOWER RAIL		
			FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY			PARTS LIST				
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 08/05/09		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 <small>APICAL INDUSTRIES, INC. dba DART AEROSPACE</small>			
645.1700, 647.1300		DRAWN BY S. HUFF	CHECKER P. BRAVO				
		DRAWING APPROVAL P. BRAVO 08/05/09		MOUNTING RAIL			
		CONTRACT No.					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.2100	REV. F
				SCALE NONE		SHEET 1 OF 5	

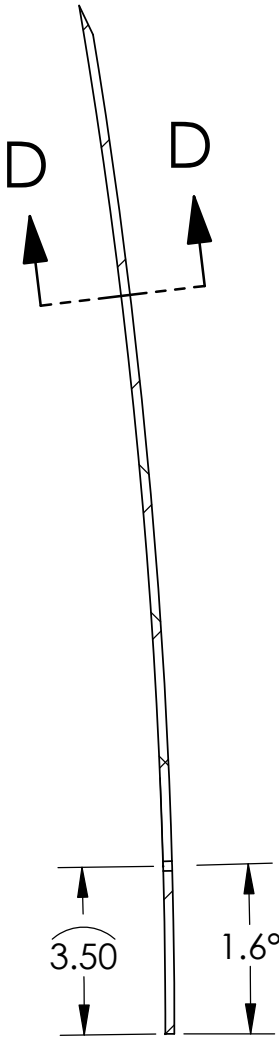
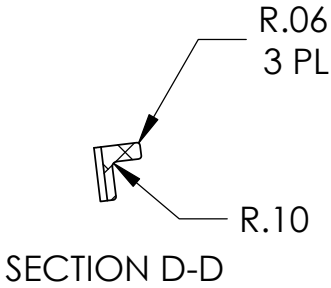
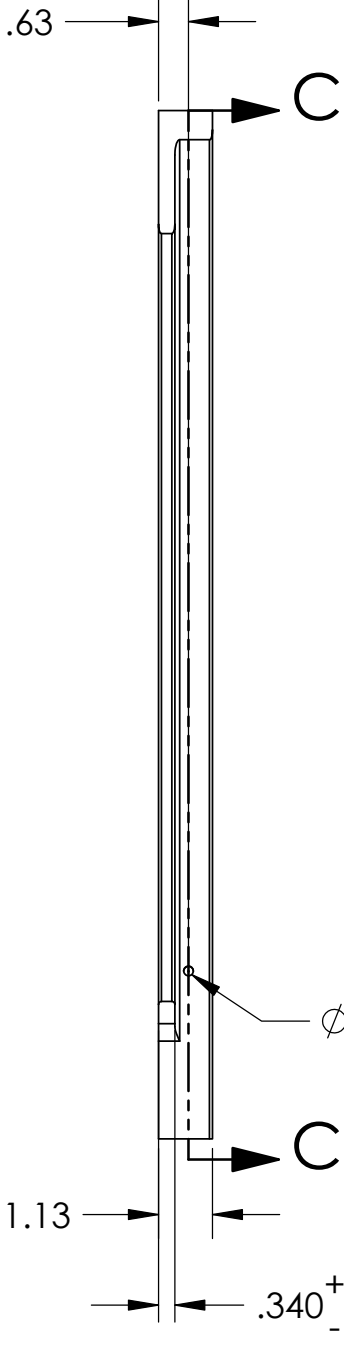
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A

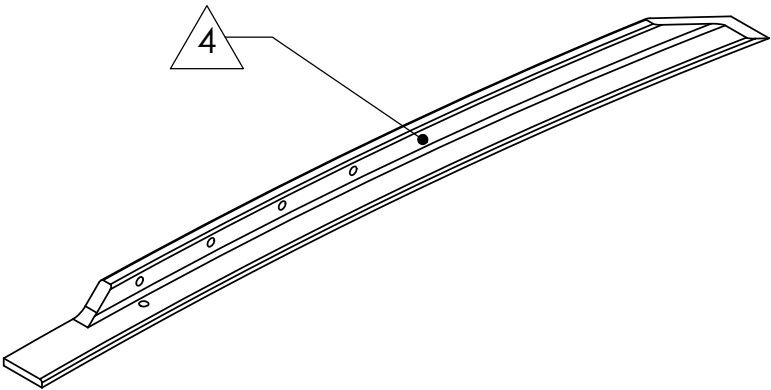
B

C

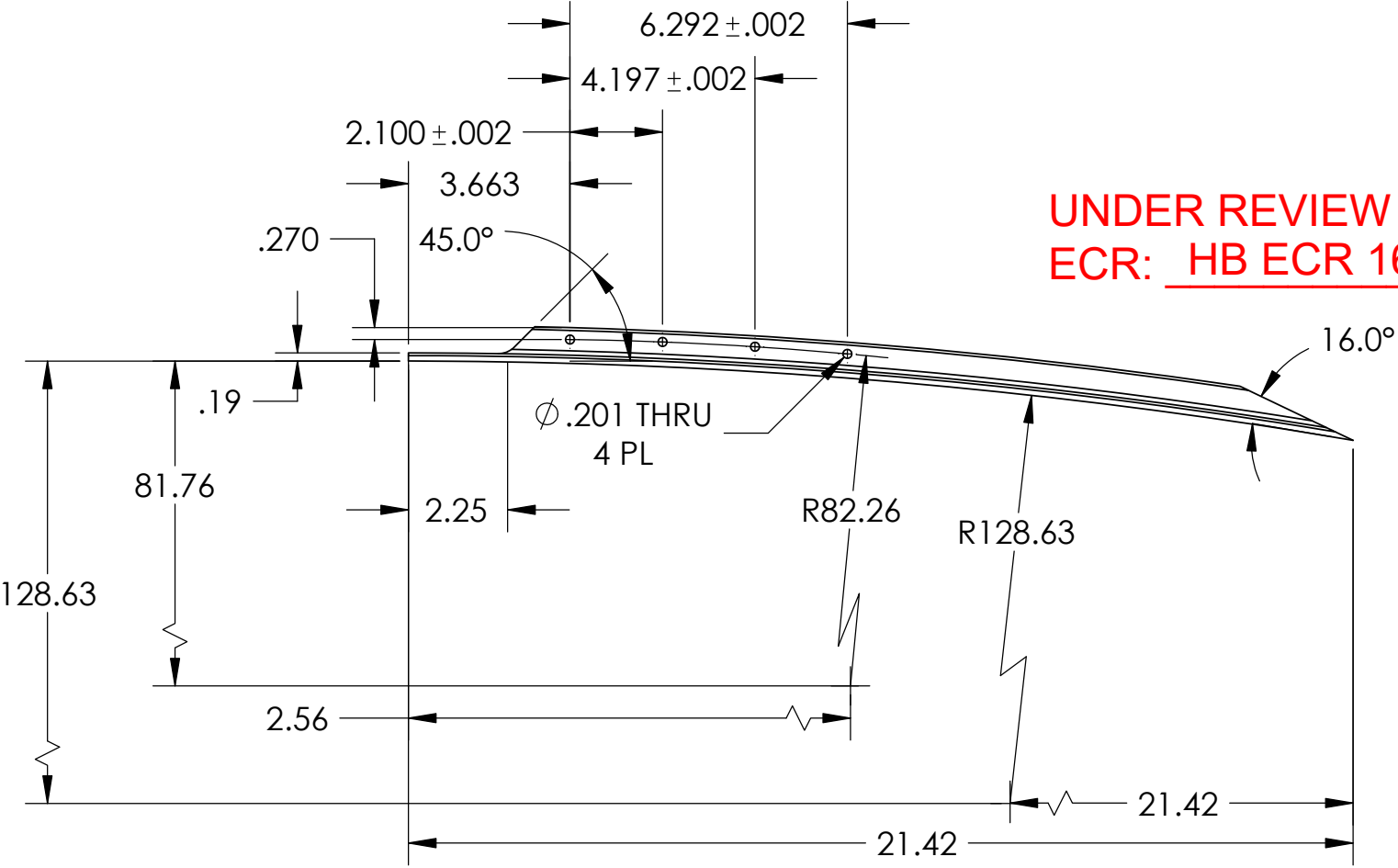
D



SECTION C-C



647.2111



UNDER REVIEW
ECR: HB ECR 161

ORIGINAL DATE (MO-DA-YR)	08/05/09
DRAWN BY S. HUFF	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 08/05/09	CONTRACT No.

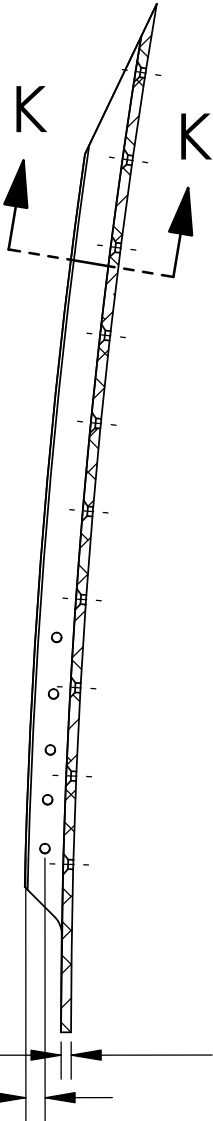
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS $\pm .01$
3 PLACE DECIMALS $\pm .005$
ANGLES $\pm .5^\circ$

DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
MOUNTING RAIL			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.2100	REV. F
SCALE NONE		SHEET 2 OF 5	

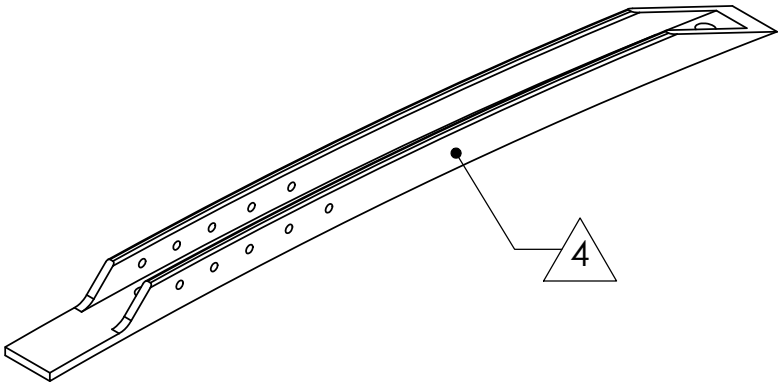
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R.06 4 PL

SECTION K-K

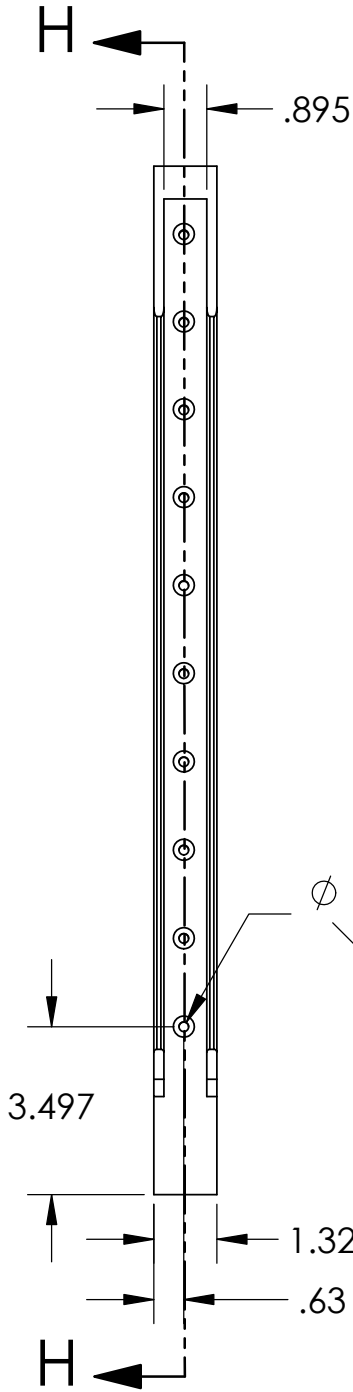
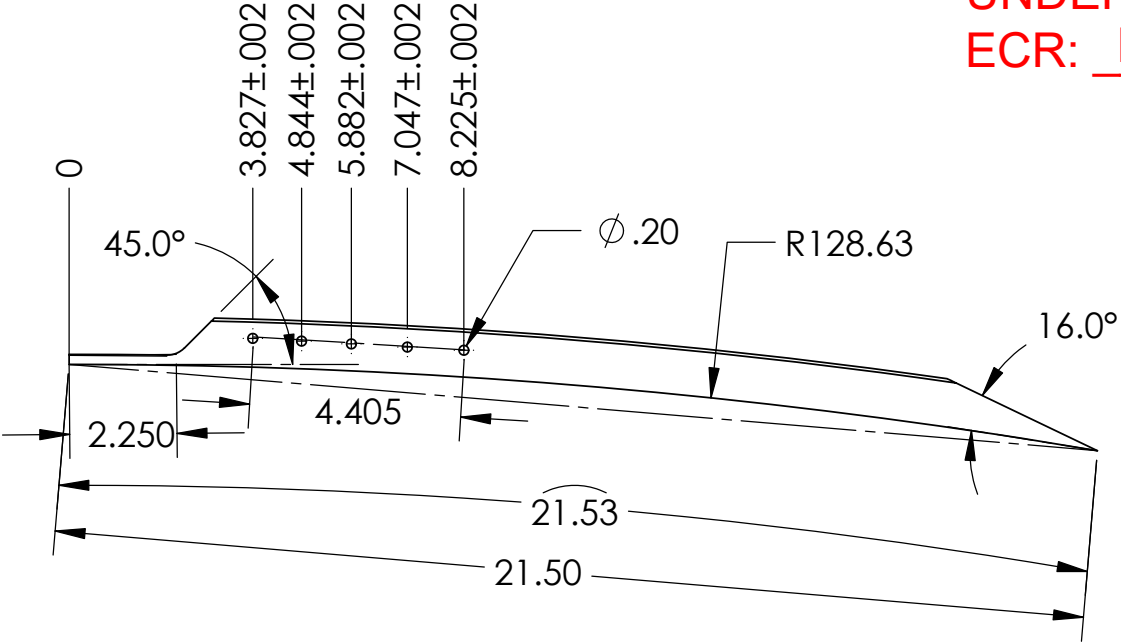


SECTION H-H



647.2112

UNDER REVIEW
ECR: HB ECR 161



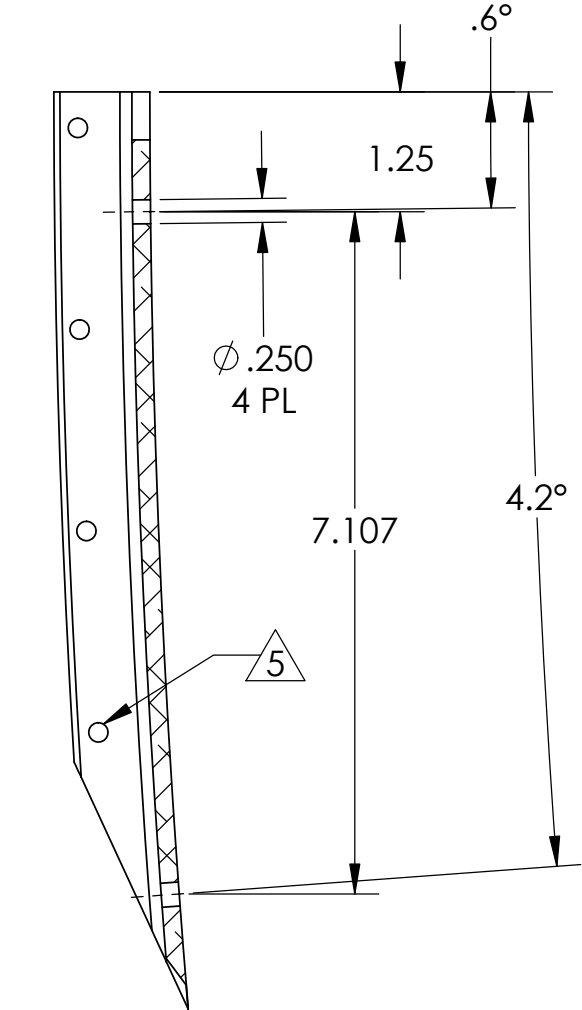
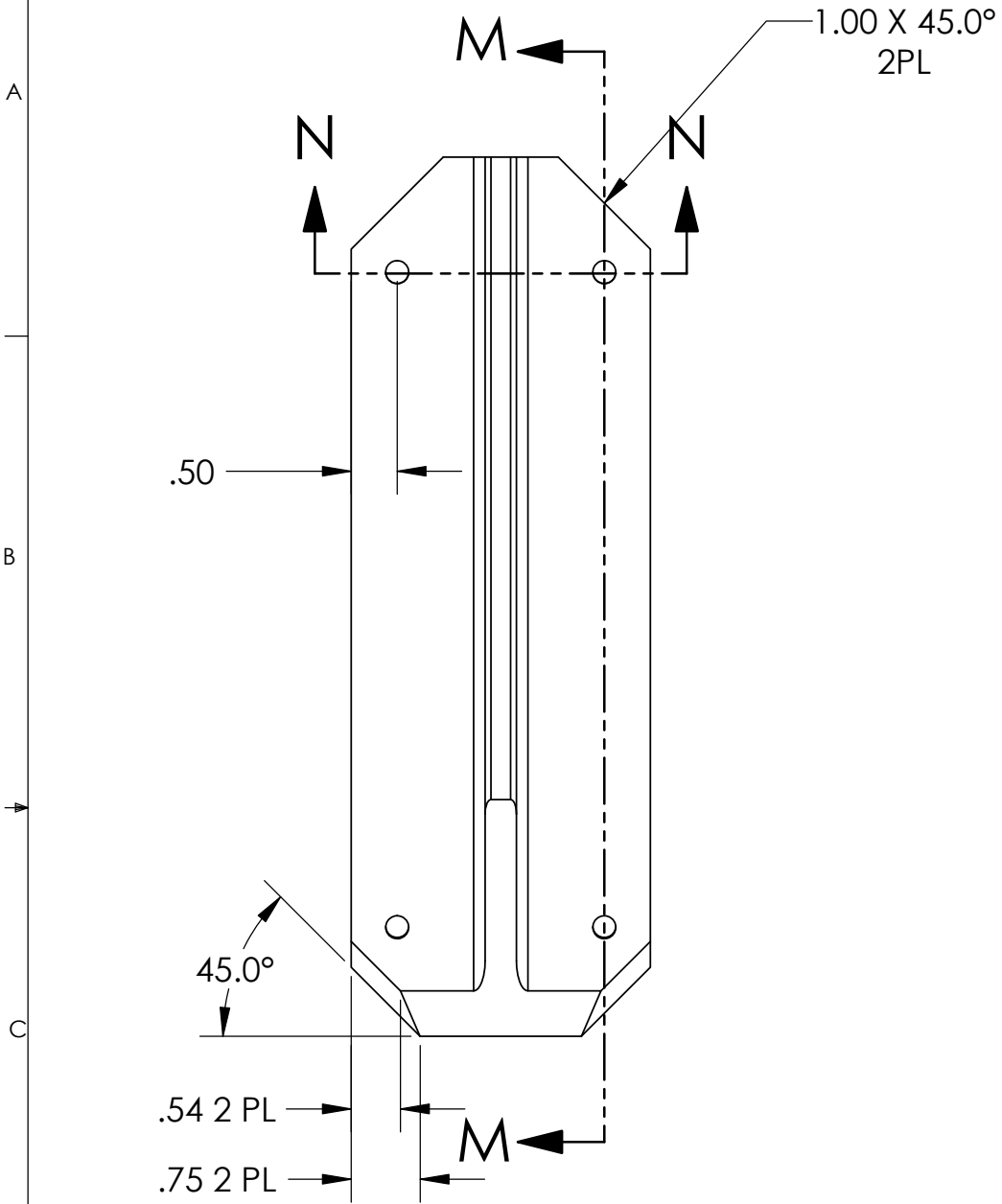
Ø .201 THRU 10 PL
.439 X 100°

ORIGINAL DATE (MO-DA-YR)	08/05/09
DRAWN BY S. HUFF	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 08/05/09	CONTRACT No.

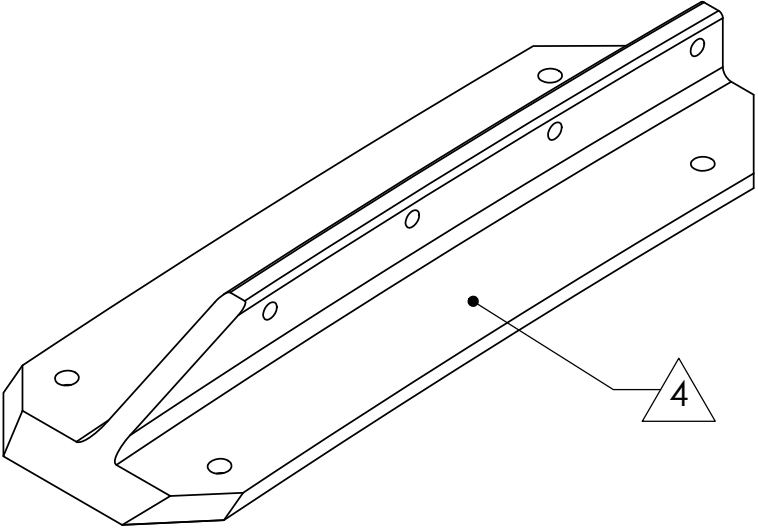
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°

DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
APICAL INDUSTRIES, INC. dba DART AEROSPACE			
MOUNTING RAIL			
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.2100	REV. F
SCALE NONE		SHEET	3 OF 5

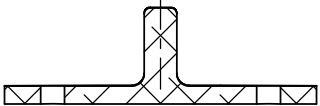
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SECTION M-M

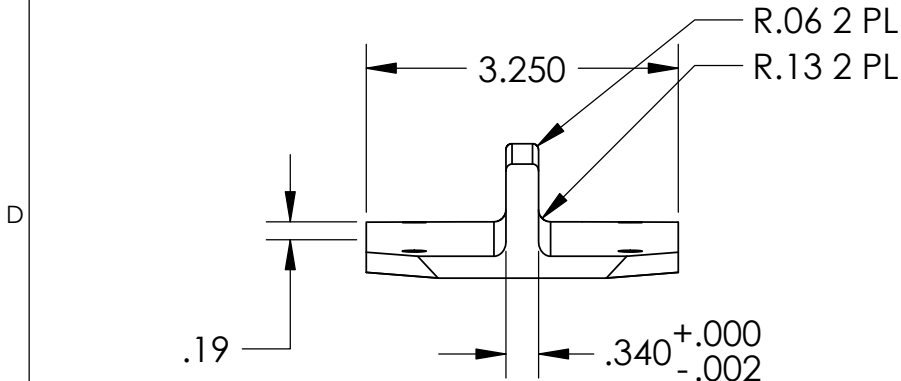


647.2113



SECTION N-N

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ECR: HB ECR 161



ORIGINAL DATE (MO-DA-YR) 08/05/09		DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. HUFF	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 08/05/09		CONTRACT No.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		MOUNTING RAIL	
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.2100	REV. F
SCALE NONE		SHEET 4 OF 5	

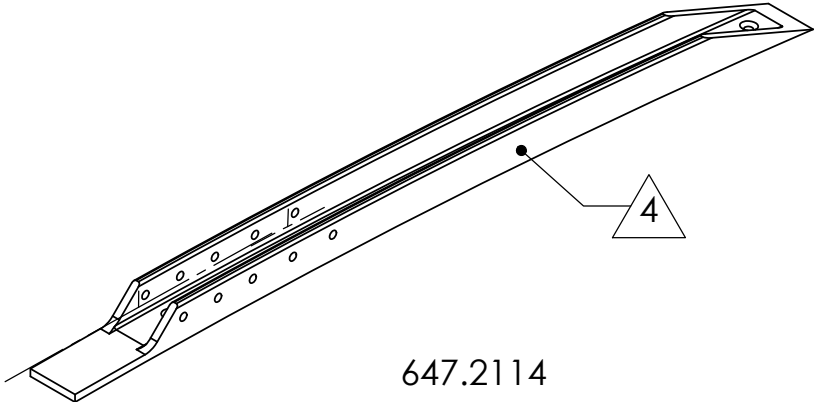
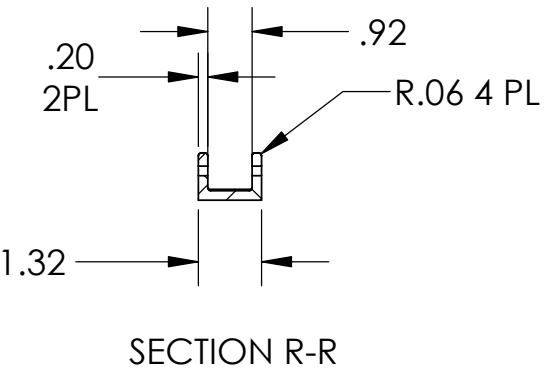
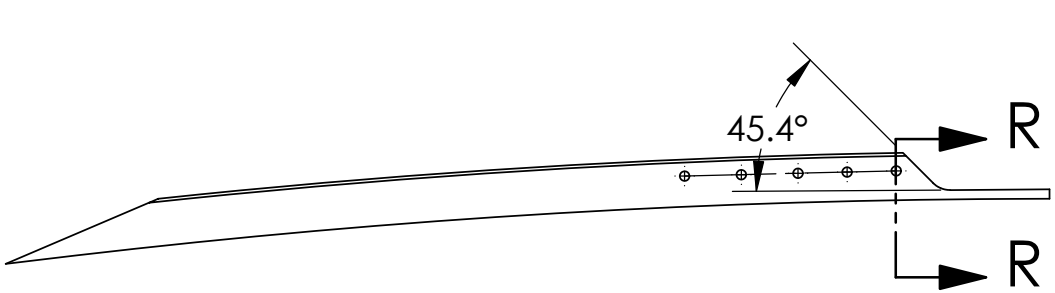
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A

B

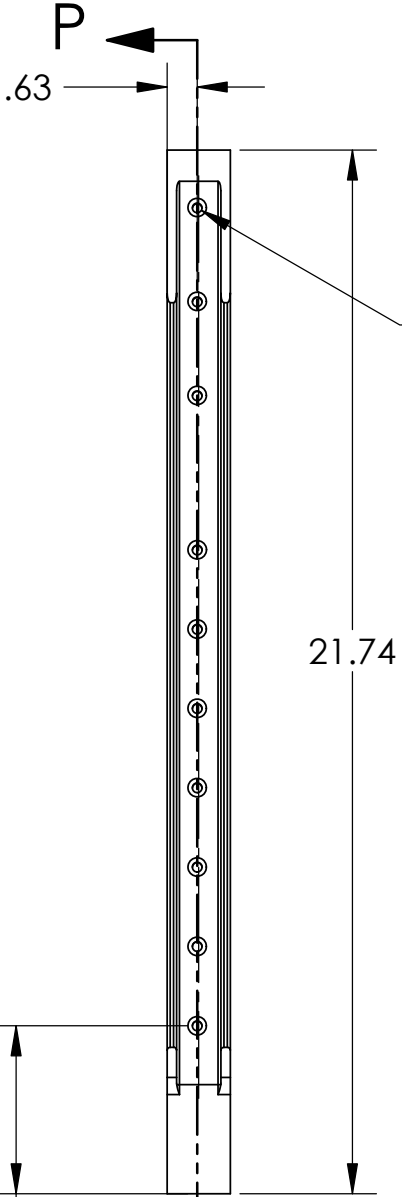
C

D



647.2114

UNDER REVIEW
ECR: HB ECR 161



10X ϕ .201 THRU ALL
 ϕ .39 X 100°



R175.00

ϕ .20
THRU ALL
5PL



TYP

.20

0

- 7.601±.002
- 6.420±.002
- 5.240±.002
- 4.216±.002
- 3.193±.002

SECTION P-P

ORIGINAL DATE (MO-DA-YR)	08/05/09
DRAWN BY S. HUFF	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 08/05/09	CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°



3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

APICAL INDUSTRIES, INC.
dba DART AEROSPACE

MOUNTING RAIL

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	647.2100	F
SCALE NONE		SHEET 5 OF 5	